Adam Equipment

CBK & CBK-M SERIES

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Adam Equipment strives to be more environmentally focused and uses recycled materials and environmentally friendly packaging where possible. As part of this initiative we have developed a short form manual that uses less paper and ink to describe the main functions of your new Adam scale. A complete version is available at www.adamequipment.com. Thank you for your support of Adam Equipment and we hope that you enjoy your new scale.

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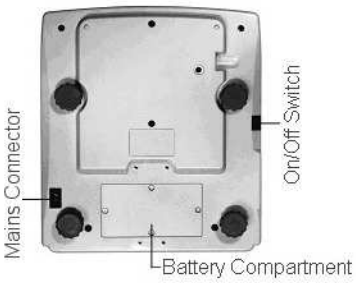
2.0 OPERATION

2.1 SETTING UP AND TURN ON THE SCALE

The CBK, CBK-M series of scales provides a range of accurate, fast and versatile weighing scales with counting, percent weighing and check-weighing functions. For the first time, you should set up your scale as follows:

Gently Place the platform in the locating holes on the top cover. Level the scale by adjusting the four feet. The scale should be adjusted such that the bubble in the spirit level is in the centre of the level and the scale is supported by all four feet.



Attach the power cable to the connector on the base on the left of the scale Plug in the power cable to the mains. Switch on the power switch located on the base on the right side of the scale.

The scale will first display the software revision then run a self-test. At the end of the self-test it will display zero weight when a stable condition has been achieved. A stable symbol and zero symbol indicators are also displayed.

2.2 ZEROING THE DISPLAY

You can press the **[Zero]** key at any time to set the zero point. When the zero point is obtained the display will show the indicator for zero.

The scale has an automatic re-zeroing function to account for minor drifting or accumulation of material on the platform. However you may need to press **[Zero]** to re-zero the scale if small amounts of weight are still shown when the platform is empty.

2.3 TARING

Manual tare

Steps:

Zero the scale by pressing the **[Zero]** key if necessary. Place a container on the platform, a value for its weight will be displayed.

Press the **[Tare]** key when reading is stable. The weight that was displayed is stored as the tare value. The stable and **"NET"** indicator will be on. As a product is added only the weight of the product will be shown. The scale could be tared a second time.

When the container is removed a negative value will be shown. The zero indicator will also be on because the platform is back to the same condition as it was when the **[Zero]** key was pressed last.

Press **[Tare]** or **[Zero]** to remove the tare value and display zero. The Net indicator will disappear.

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Preset tare

This method allows you to enter a value for the tare weight from the keypad. This is useful if all containers are the same or if the container is already full but the net weight is required and the weight of the container is known.

Steps:

1) Zero the scale by pressing **[Zero]**. The zero indicator will be on.
2) Enter a tare value using the numeric keys.
3) Press **[Tare]** to tare the scale. The value that was entered is stored as the tare value and it is subtracted from the display, leaving a negative number on the display.

2.4 WEIGHING

To determine the weight of a sample, first tare an empty container if used, then place the sample in the container. The display will show the weight and the unit of weight currently in use. To change the weighing unit press the **[Unit]** key. Weighing units displayed are the ones that are enabled by the user in the parameters section.

2.5 PARTS COUNTING

The scale can be used to count parts based on the average weight of a sample weighed. If a container is to be used, place this container on the platform before entering parts counting and press **[Tare]**. Press **[Count]** to enter the Parts Counting mode.

The display will show the last sample size used. For example, **"10 Pcs"**.

Either place 10 parts on the platform for determining the average piece weight or use a different number of parts. To change the sample size, press **[CE]** to clear the last values and then enter the value 20 using the numeric keypad.

Place the right number of parts on the platform. Press **[Count]** to weigh the samples and determine an average piece weight.

After the sample has been weighed the scale will count any other parts added by applying the average piece weight to the weight of the parts to be counted.

During parts counting the display can be changed to show the net weight, unit weight and number of parts by each time pressing the **[Func]** key.

To count a different sample quantity, press the **[Count]** key. To return to weighing, press **[Unit]** when **"0 pcs"** is displayed.

NOTE: If the parts are too light to measure accurately, the count may become faulty. It is suggested that the samples to be weighed should each weigh more than the resolution of the scale.

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2.6 CHECK COUNTING

Check-weighing is a procedure to display an indicator or sound an alarm when the weight on the platform meets or exceeds the values stored in the memory. The memory holds values for a high limit and a low limit. Either or both the limits can be set by the user.

The alarm and the LED bar graph can each be set to OFF. The LCD display will indicate whenever the weight is within or exceeds the limits by showing **"OK"** (mass is between the limits), **"HI"**(mass is above the high limit) or **"LO"**(mass is below the low limit).
The limits can be locked by the manager (see the menu structure section) .A Limit Password must be used to change the limits or operation of the beeper or bar graph.

Steps:

1) In normal weighing, Press the **[Low Limit]** key. It will show the current low limit. The **"LO"** symbol will appear on the display.

2) Press the **[CE]** key to clear the old value and then enter the new low limit using the numeric keys. Then press **[Tare]** to accept the value. If you want to reset the value to zero, press **[CE]** to clear the value. The limits are displayed in the weighing unit in use. If the weighing unit is pounds:ounces, the limits are entered in pounds and decimal parts of pounds. i.e. 6,0125 lb.

3) To set the high limit press **[High Limit]**, the **"HI"** symbol will be on. Set the high limit in the same way the low limit was set. Pressing the **[Tare]** key to enter the value will return the scale to weighing, with the Check-weighing function enabled.

4) During parts counting and percent weighing, the limits are set in the same way as above. The limits are displayed in pcs or %.

5) To disable the check weighing function, enter zero into both the limits as described above. When the current limits are shown, press **[CE]** to clear the settings, then press **[Tare]** to store the zero values.

NOTE: The weight must be greater than 20 scale divisions for the check-weighing to operate.

Limits storing and recalling

The indicator can store up to 10 sets of high and low limits in memory along with the weighing units in use (including pcs and %) as well as settings for the beeper and bar graph. During Check weighing the current limits can be stored or previously stored units can be recalled.

If you are already in the check weighing mode the display will ask if you wish to store the current limits by showing **"StOrE"** or recall another set of limits by showing **"rECALL"**. The **[➔Lim]** key can be used to toggle between **"StOrE"** and **"rECALL"**.

If you want to store the limits, when **"StOrE"** is displayed press the **[Tare]** key. The display shows **"St ".** Enter a number corresponding to the desired memory location (0 to 9). **"St X"** will be displayed for 2 seconds indicating the location X where the current limits, weighing units and settings for the beeper and bar graph are stored. The indicator will continue to work with the current settings as active.

If you wish to recall any of the pre-stored limits, press **[Tare]** when **"rECALL"** is

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displayed. The display shows **"rEC"**. Enter the number corresponding to the desired memory location (0 to 9) to be recalled. **"rEC X"** will be displayed for 2 seconds indicating the values stored in the location "X" is being recalled. The indicator will change to the recalled limits, weighing units and settings for the beeper and bar graph.

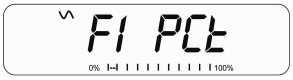
NOTE: If the recalled limit is for parts counting or percent weighing, the display will show the last sample value used, ready for a new sample to be counted. If the memory location was empty the scale will return to weighing.

2.7 PERCENT WEIGHING

The scale will use a mass on the platform as the 100% reference weight or input a reference weight using the keypad.

Steps:

Press **[Func]**. The first option is **"FUnC 1"**, Press the **[Tare]** key. **"F1 PCt"** will be displayed. Press **[Tare]** again to enter percent weighing. Put the sample on the platform. The scale will set the sample mass on the platform as 100% reference weight.



NOTE: If there is no reference weight on the pan and percent weighing function is entered, pressing **[Tare]** again will return to normal weighing.

Remove the sample weight. Then any other weight placed on the platform will be displayed as a percentage of the original sample.

The number of decimal points will depend on the weight used. A smaller weight will show only **"100%"** while a larger weight might show **"100.00%"**.

If the scale is showing zero When entering this function, Users can also input the reference weight using the keypad, press **[Tare]** to accept the reference weight. The display will show "0.00 %".

If the indicator shows **"XX.XX%"**, which is the last weight used as a reference, press **[CE]** to clear and use the numeric keypad to enter a new value. Press **[Tare]** to accept the new reference weight.

Press **[Unit]** to return to normal weighing.

NOTE:

1) The weight entered must be greater than 50 scale divisions.
2) The display may jump by large numbers unexpectedly if small weights are used to set as 100% reference. For example, if only 23.5g is placed on a scale with 0.5g increments and is set to 100%, the display will show 100.00%. However a small change of weight will cause the display to jump to 102.13% as an increase of one scale division (0.5g) to 24.0g will be equivalent to an increase of 2.13%.

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2.8 ACCUMULATED TOTALS

The scale can be set to accumulate when a weight is added to the platform automatically or manually by pressing **[Print]**. See menu structure section. The accumulation function is available only during weighing. If at any time the weighing units are changed, the accumulated data will be lost.

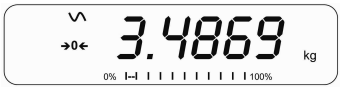
Manual Accumulation

When the scale is set to manual accumulation, the weight displayed will be stored in the memory when the **[Print]** key is pressed and the weight is stable.

Steps :

Remove the weight and press **[Print]** when the display is at zero. The display will show **"ACC 1"** and then the weight in memory for 2 seconds before returning to normal. The weight can be output to a printer or PC using the RS-232 interface.

When the scale is at zero, place a second weight. When stable, press **[Print]** to accumulate the weight. The display will show "**ACC 2"** for 2 seconds and then show the new total.



Continue until all weights have been added. This can continue for up to 99 entries until the capacity of display is exceeded.

To view the total in memory, press the **[Print]** key when the scale is at zero. The display will show the total number of accumulation **"ACC xx"** and the total weight before returning to zero.

To print the total, press **[Print]** to recall and then immediately press **[Print]** the second time to print the results. To erase the memory, press **[Print]** to view the total and then immediately press **[CE]** to clear the memory.

Automatic Accumulation

When the scale has been set to Automatic Accumulation the value will be stored in memory automatically.

Steps:

Place a weight on the platform. The beeper will sound when the display is stable indicating the value is accepted. Remove the weight. The display will show **"ACC 1"** and then the total in the memory before it returns to zero. Adding a 2nd weight will repeat the process.

While the weight is on the platform, press the **[Print]** key to view the values- first the accumulation number **"ACC x"** and then the total will be shown.

NOTE: The scale must return to zero or a negative number, before another sample can be added to the memory.

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3.0 RS-232 INTERFACE

The CBK and CBK-M Series of scales can be ordered with a bi-directional RS-232 interface. For use in approved applications, CBK-M scales do not come with the RS-232 interface. However, the scale can be supplied with RS-232 interface if they are not used for the approved applications.The scale when connected to a printer or computer through the RS-232 interface, outputs the weight with the selected weighing unit.

Specifications:

RS-232 output of weighing data
ASCII code
9600Baud rate(user selectable)
8 data bits
No Parity

Connector:

9 pin d-subminiature socket
Pin 3 Output
Pin 2 Input
Pin 5 Signal Ground

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4.0 PARAMETERS

Pressing the **[Func]** key allows the user to access the parameters for customising the scale. The parameters are split into 3 groups- Check weighing parameters, RS-232 parameters and Scale parameters. Please find the RS-232 parameters in complete manual.

When **[Func]** is pressed, display will first show **"FUnC 1"** for Check weighing parameters. Enter **[2]** for RS-232 parameters or **[3]** for Scale parameters or press the **[Func]** key to advance through the groups **"FUnC 1"**, **"FUnC 2"** and **"FUnC 3"**. Press **[Tare]** to enter the desired group of parameters.

Press **[Zero]** to return to the group **"FUnC 1"**. If you press **[Zero]** again, the scale will exit the User Parameter section and return to normal weighing.

1.1 CHECK WEIGHING PARAMETERS

Shortcut to enter this group is to press and hold the **[Func]** key for 4 seconds. The display will go directly to **"FUnC 1".** Press **[Tare]** to enter the group. Press **[Func]** to view the options for setting. Press **[Tare]** to confirm the change and then advance to the next parameter by pressing the **[Func]** key.

Parameter	Description	Options	Default setting
F1 PCt	This parameter allows the user to enter the Percent weighing Function. See Section 10.7.	None	Enabled always
F2 LLk	This parameter prevents the normal user from changing the limits with the help of a Limit Lock.	With LLK set to Off (**oFF**), the user is allowed to change limits at any time. With LLK set to Preset (**PSt**), the user is allowed to use one of the preset limits only.	**oFF**
F3 LEd	This parameter sets the LED indicator to off or on and the LED type (whether LED's are on in the form of a continuous bar or a spot LED).	**bAr** - Bar type **Spot** - Spot type **oFF** - Off	**bAr**
F4 bEP	This parameter sets the Beeper to off or on. If set to on, the beeper can further be set to sound when the weighing result is within or outside the check-weighing limits.	**bP oFF** - Off **bP inL** - Within limits **bP otL** - Outside limits (>20d)	**bP inL**
F5 CPS **(Not available in CBK-M)**	This parameter allows setting of a new Check weighing password, must be entered twice when asked. When complete, it will display "**donE**".	To be entered manually.	**0000**
F6 Nck **(Not available in CBK-M)**	This parameter enables negative check weighing function with ability to do negative tare.	**on** **oFF**	**on**

NOTE: The Check weighing password is separate from the scale password, If the password is other than 0000, user must enter the password to gain access to "**F2 LLk**", "**F3 LEd**", "**F4 bEP**", "**F5 CPS**" and "**F6 nCK**".

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4.2 SCALE PARAMETERS

Shortcut to enter this group is to press and hold the **[Count]** Key for 4 seconds. The display will go directly to **"S1 Un "**. Press **[Func]** to view the list of parameters. Press **[Tare]** to enter a parameter. Press **[Func]** to view the options for the parameter settings. Press **[Tare]** to confirm the change and then advance to the next parameter by pressing the **[Func]** key.

Press **[Zero]** to return to the group **"FUnC 3"**. If you press **[Zero]** again, the scale will exit the User Parameter section and return to normal weighing.

This group of parameters are used to control the operation of the scale.

Parameter	Description	Options	Default setting
S1 Un	Enable or disable weighing units, will not allow to disable all units, at least one has to be enabled.	**kg** **g** **lb** **oz** **lb:oz**	**kg**
S2 bL	Backlight set to always on, always off or automatic on whenever a weight is placed or a key is pressed	**EL oFF** **EL on** **EL AU**	**EL AU**
S3 AoF	Auto Off- Disable or set time increment to turn off scale	**SLP 0** **SLP 1** **SLP 5** **SLP 10**	**SLP 0**
S4 dt	Set Time and Date format and settings	Enter the time manually Enter the date manually	**00:00:00** **mm:dd:yy**
S5 diS	Display all weights or only when stable	**ALL** **StAb**	**ALL**
S6 Fi	Filter setting to slow, normal or fast	**SLow** **nor** **FASt**	**nor**
S7 SPS	Scale Password- If it is anything other than 0000 then the user must enter the password to gain access to any of the scale parameter settings. Must be entered twice when asked. When complete, it will display "**donE**".	**PI _ _ _ _**	**0000**
S8 CAL	Calibration	Calibrate the scale. See Section 10.0	-

NOTE: The parameter "**S4 dt**" is not applicable for CBK-M Scales for use in approved applications.

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5.0 CALIBRATION

OIML TYPE APPROVAL: A jumper is placed on the PCB to prevent User Calibration and the scale is sealed. If the seal is broken or tampered with, the scale needs to be re-verified by an authorised certification body and re-sealed, before it is used legally. Contact your local metrology standards office for further assistance.

5.1 CBK CALIBRATION

The CBK scales are calibrated using kilogram weights and CBKa scales are calibrated using pounds.

To start the calibration, either get into the calibration section through the Scale Settings (**"FUnC 3"**- see Section 4.2) or turn the scale off and switch on again and then press **[Tare]** during the self-test. Enter code number **0000** and press **[Tare]**. This will take you directly to the calibration section.The display will show **"UnLoAd"**

Remove all weight from the pan and then press the **[Tare]** key when the scale is stable. After the Zero point is set, the display will show **"Ld xx"**. Place the suggested calibration mass on the pan. It is best to use a weight close to the full capacity of the scale. If the mass is different from the displayed value, enter the value of the mass in whole numbers. The kg or the lb symbol will be on to show the active unit.

Press the **[Tare]** key when the stable indicator is on.

The scale will calibrate to the mass. When complete, it will display **"PASS"** and then either display **"S8 CAL"** (if entered the calibration section through the Scale Settings as per section4.2) or return to normal weighing (if entered directly). Remove the calibration mass.

If an error message **"FAIL H"** or **"FAIL L"** is shown, re-check the calibration and repeat. If the error cannot be corrected contact your supplier.

6.0 BATTERY

1) The scales can be operated from the battery, if desired. The battery life is approximately 90 hours.
2) When the battery needs charging a symbol on the display will turn on. The scale will still operate for about 10 hours after which it will automatically switch off to protect the battery.
3) To charge the battery, simply plug into the mains power supply. The scale does not need to be turned on.
4) The battery should be charged for 12 hours for full capacity.

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7.0 SPECIFICATIONS

	CBK 4	CBK 8H	CBK 8	CBK 16	CBK 32	CBK 48
Kilograms						
Maximum Capacity	4 kg	8 kg	8 kg	16 kg	32 kg	48 kg
Tare Range	-4 kg	-8 kg	-8 kg	-9.9995 kg	-32 kg	-48 kg
Readability	0.0001 kg	0.0001 kg	0.0002 kg	0.0005 kg	0.001 kg	0.002 kg
Repeatability (S.D.)	0.0001 kg	0.0001 kg	0.0002 kg	0.0005 kg	0.001 kg	0.002 kg
Linearity (±)	0.0002 kg	0.0002 kg	0.0004 kg	0.001 kg	0.002 kg	0.004 kg
Grams						
Maximum Capacity	4000 g	8000 g	8000 g	16000 g	32000 g	48000 g
Tare Range	-4000 g	-8000 g	-8000 g	-9999.5 g	-32000 g	-48000 g
Readability	0.1 g	0.1 g	0.2 g	0.5 g	1 g	2 g
Repeatability (S.D.)	0.1 g	0.1 g	0.2 g	0.5 g	1 g	2 g
Linearity (±)	0.2 g	0.2 g	0.4 g	1 g	2 g	4 g

CBKa Series (USA models)

	CBK 8a	CBK 16aH	CBK 16a	CBK 35a	CBK 70a	CBK 100a
Pounds						
Maximum Capacity	8 lb	16 lb	16 lb	35 lb	70 lb	100 lb
Tare Range	-8 lb	-9.9995 lb	-9.9995 lb	-35 lb	-70 lb	-99.995 lb
Readability	0.0002 lb	0.0002 lb	0.0005 lb	0.001 lb	0.002 lb	0.005 lb
Repeatability (S.D.)	0.0002 lb	0.0002 lb	0.0005 lb	0.001 lb	0.002 lb	0.005 lb
Linearity (±)	0.0004 lb	0.0004 lb	0.001 lb	0.002 lb	0.004 lb	0.01 lb
Ounces						
Maximum Capacity	128 oz	256 oz	256 oz	560 oz	1120 oz	1600 oz
Readability	0.005 oz	0.005 oz	0.01 oz	0.02 oz	0.05 oz	0.1 oz
Repeatability (S.D.)	0.005 oz	0.005 oz	0.01 oz	0.02 oz	0.05 oz	0.1 oz
Linearity (±)	0.01 oz	0.01 oz	0.02 oz	0.04 oz	0.1 oz	0.2 oz
Pounds:Ounces						
Maximum Capacity	8 lb: 0.0 oz	16 lb: 0.0 oz	16 lb: 0.0 oz	35 lb: 0.0 oz	70 lb: 0.0 oz	99 lb: 15.9 oz
Display shows	8:_16.00	16:_16.0	16:_16.0	35:_16.0	70:_16.0	99:_16.0
Readability	0.01 oz	0.1 oz	0.1 oz	0.1 oz	0.1 oz	0.1 oz
Repeatability (S.D.)	0.01 oz	0.1 oz	0.1 oz	0.1 oz	0.1 oz	0.1 oz
Linearity (±)	0.02 oz	0.2 oz	0.2 oz	0.2 oz	0.2 oz	0.2 oz
Kilograms						
Maximum Capacity	4 kg	8 kg	8 kg	16 kg	32 kg	48 kg
Readability	0.0001 kg	0.0001 kg	0.0002 kg	0.0005 kg	0.001 kg	0.002 kg
Repeatability (S.D.)	0.0001 kg	0.0001 kg	0.0002 kg	0.0005 kg	0.001 kg	0.002 kg
Linearity (±)	0.0002 kg	0.0002 kg	0.0004 kg	0.001 kg	0.002 kg	0.004 kg
Grams						
Maximum Capacity	4000 g	8000 g	8000 g	16000 g	32000 g	48000 g
Readability	0.1 g	0.1 g	0.2 g	0.5 g	1 g	2 g
Repeatability (S.D.)	0.1 g	0.1 g	0.2 g	0.5 g	1 g	2 g
Linearity (±)	0.2 g	0.2 g	0.4 g	1 g	2 g	4 g

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OTHER SPECIFICATIONS

Units of measure	**CBK** Series- kg, g **CBKa** Series- kg, g, lb, oz, lb:oz
Interface	RS-232 bi-directional Interface
Stabilisation Time	2 Seconds typical
Operating Temperature	-10°C to 40°C 14°F to 104°F
Power supply	230 VAC 50/60 Hz 115 VAC available
Battery	Internal rechargeable battery (~90 hours operation)
Calibration	Automatic External
Display	6 digits LCD digital display with capacity tracker and symbols for units
Scale Housing	ABS Plastic, Stainless Steel platform
Pan Size	225 x 275 mm 8.9” x 10.8”
Overall Dimensions (wxdxh)	315 x 355 x 110 mm 12.4” x 14” x 4.3”
Net Weight	4.4 kg 9.7 lb
Applications	Weighing Scales
Functions	Weighing, Parts counting, % weighing, Check weighing, Check counting, Accumulation of weights
Date/Time	Real Time Clock (RTC), To print date and time information- battery backed

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	CBK 3M	CBK 6M	CBK 15M	CBK 30M
Grams				
Max	3000 g	6000 g	15000 g	30000 g
e =	1 g	2 g	5 g	10 g
n =	3000	3000	3000	3000
Kilograms				
Max	3 kg	6 kg	15 kg	30 kg
e =	0.001 kg	0.002 kg	0.005 kg	0.01 kg

OTHER SPECIFICATIONS

Units of measure	kg, g
Tare	Full
Interface	RS-232 bi-directional Interface **NOTE:** For use in approved applications, CBK-M Scales do not come with the RS-232 interface. However, the scales can be supplied with RS-232 interface if they are not used for approved applications.
Stabilisation Time	2 Seconds typical
Operating Temperature	-10°C to 40°C / 14°F to 104°F
Power supply	230 VAC 50/60 Hz 115 VAC available
Battery	Internal rechargeable battery (~90 hours operation)
*Calibration	*Not permitted
Display	6 digits LCD digital display with capacity tracker and symbols for units
Scale Housing	ABS Plastic, Stainless Steel platform
Pan Size	225 x 275 mm / 8.9” x 10.8”
Overall Dimensions (wxdxh)	315 x 355 x 110 mm 12.4” x 14” x 4.3”
Net Weight	4.1 kg / 9 lb
Applications	Weighing Scales
Functions	Weighing, Parts counting, % weighing, Check weighing, Check counting, Accumulation of weights
Date/Time	Real Time Clock (RTC), To print date and time information- battery backed **NOTE:** For use in approved applications the scales do not come with the RS-232 interface.

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8.0 ERROR CODES

During the initial power-on testing or during operation, the scale may show an error message. The meaning of the error messages is described below.

If an error message is shown, repeat the step that caused the message. If the error message is still shown then contact your dealer for support.

ERROR CODE	DESCRIPTION	POSSIBLE CAUSES
Err 1	Time input Error	Invalid time entry such as "268970" for the time format "**H-m-S**".
Err 2	Date input Error	34th day of a month is an invalid entry.
Err 4	Initial Zero is greater than allowed (4% of maximum capacity) when power is turned on or when the **[Zero/Enter]** key is pressed.	Weight on the pan when turning the scale on. Excessive weight on the pan when zeroing the scale. Platform is not installed. Improper calibration of the scale. Damaged load cell. Damaged Electronics.
Err 6	A/D count is not correct when turning the scale on.	Load cell is damaged. Electronics is damaged.
Err 7	Percent input error	Percent function is entered with no reference mass on the pan.
Err 8	High limit input error	Low limit is set first, and then the high limit is set lower than the low limit and high limit not equal to zero.
Err 9	Low limit input error	High limit is set first, then the low limit is set higher than the high limit and low limit not equal to zero.
FAIL H or **FAIL L**	Calibration error	Improper calibration (should be within ±10% of the factory calibration). The old calibration data will be retained until the calibration process is complete.

NOTE: The "**Err 1**" , **Err 2**" and **FAIL H** or **FAIL L** are not applicable for CBK-M Scales for use in approved applications.

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9.0 SERVICE INFORMATION

This manual covers the details of operation. If you have a problem with the scale that is not directly addressed by this manual then contact your supplier for assistance. In order to provide further assistance, the supplier will need the following information which should be kept ready:

A. Details of your company

-Name of your company:
-Contact person's name:
-Contact telephone, e-mail,
fax or any other methods:

B. Details of the unit purchased

(This part of information should always be available for any future correspondence. We suggest you to fill in this form as soon as the unit is received and keep a print-out in your record for ready reference.)

Model name of the scale:	
Serial number of the unit:	
Software revision number (Displayed when power is first turned on):	
Date of Purchase:	
Name of the supplier and place:	

C. Brief description of the problem

Include any recent history of the unit. For example:
-Has it been working since it's delivered
-Has it been in contact with water
-Damaged from a fire
-Electrical Storms in the area
-Dropped on the floor, etc.

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WARRANTY INFORMATION

Adam Equipment offers Limited Warranty (Parts and Labour) for the components failed due to defects in materials or workmanship. Warranty starts from the date of delivery.

During the warranty period, should any repairs be necessary, the purchaser must inform its supplier or Adam Equipment Company. The company or its authorised Technician reserves the right to repair or replace the components at any of its workshops depending on the severity of the problems. However, any freight involved in sending the faulty units or parts to the service centre should be borne by the purchaser.

The warranty will cease to operate if the equipment is not returned in the original packaging and with correct documentation for a claim to be processed. All claims are at the sole discretion of Adam Equipment.

This warranty does not cover equipment where defects or poor performance is due to misuse, accidental damage, exposure to radioactive or corrosive materials, negligence, faulty installation, unauthorised modifications or attempted repair or failure to observe the requirements and recommendations as given in this User Manual.

Repairs carried out under the warranty does not extend the warranty period. Components removed during the warranty repairs become the company property.

The statutory right of the purchaser is not affected by this warranty. The terms of this warranty is governed by the UK law. For complete details on Warranty Information, see the terms and conditions of sale available on our web-site.

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CE

Manufacturer's Declaration of Conformity

This product has been manufactured in accordance with the harmonised European standards, following the provisions of the below stated directives:

Restriction of the use of certain hazardous substances
in electrical and electronic equipment 2011/65/EC (RoSH)

Electro Magnetic Compatibility Directive 2004/108/EC

Low Voltage Directive 2006/95/EC

Adam Equipment Co. Ltd.
Maidstone Road, Kingston,
Milton Keynes, MK10 0BD
United Kingdom

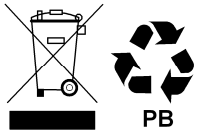
FCC COMPLIANCE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. The equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Shielded interconnect cables must be employed with this equipment to insure compliance with the pertinent RF emission limits governing this device.

Changes or modifications not expressly approved by Adam Equipment could void the user's authority to operate the equipment.

WEEE COMPLIANCE



Sealed Lead Acid Battery Must be recycled Properly

Any Electrical or Electronic Equipment (EEE) component or assembly of parts intended to be incorporated into EEE devices as defined by European Directive 2002/95/EEC must be recycled or disposed using techniques that do not introduce hazardous substances harmful to our health or the environment as listed in Directive 2002/95/EC or amending legislation. Battery disposal in Landfill Sites is more regulated since July 2002 by regulation 9 of the Landfill (England and Wales) Regulations 2002 and Hazardous Waste Regulations 2005. Battery recycling has become topical and the Waste Electrical and Electronic Equipment (WEEE) Regulations are set to impose targets for recycling.

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ADAM EQUIPMENT is an ISO 9001:2008 certified global organisation with more than 30 years experience in the production and sale of electronic weighing equipment. Products are sold through a world wide distributor network supported from our company locations in the UK, USA, SOUTH AFRICA and AUSTRALIA.

ADAM's products are predominantly designed for the Laboratory, Educational, Medical and Industrial Segments. The product range is as follows:

-Analytical and Precision Laboratory Balances
-Counting Scales for Industrial and Warehouse applications
-Digital Weighing/Check-weighing Scales
-High performance Platform Scales with extensive software features including parts counting, percent weighing etc.
-Crane scales for heavy-duty industrial weighing
-Digital Electronic Scales for Medical use
-Retail Scales for Price computing

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Adam Equipment reserves the right to make changes to the technology, features, specifications and design of the equipment without notice.

All information contained within this publication is to the best of our knowledge timely, complete and accurate when issued. However, we are not responsible for misinterpretations which may result from the reading of this material.

The latest version of this publication can be found on our Website.

Visit us at **www.adamequipment.com**

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